

**ABSTRACT OF THE DISCLOSURE**

A color filter assembly. The color filter assembly rotates around a central axis and comprises a first carrier,  
5 a second carrier, a protrusion and a color filter. The first carrier has a first contact surface and a first joining portion protruding therefrom. The second carrier has a second contact surface and a second joining portion connected to the first joining portion. The protrusion is  
10 disposed on the first or second contact surface. The color filter has an opening with the protrusion inserted therein such that the color filter is fixed between the first and second carriers.